


FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER FGT 223		APPLICATION NUMBER			
		APPLICANT(S)					
		FILING DATE		GROUP ART UNIT			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
K	4,779,528	10-25-88	Bruke	1	—		
	4,926,823	5-22-90	Kishi et al	1	—		
	4,965,741	10-16-90	Cook et al	7	—		
	5,236,332	8-17-93	Satou et al	1	—		
	5,280,770	1-25-94	Satou et al	7	—		
	5,422,811	6-6-95	Togai	1	—		
	5,515,828	5-14-96	Cook et al	1	—		
	5,548,514	8-20-96	Hasegawa et al	1	—		
	5,600,056	2-4-97	Hasegawa et al	1	—		
	5,647,312	7-15-97	Salber et al	1	—		
AC	5,669,341	9-23-97	Ushirono et al	1	—		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
AC	S55-49549	4-10-80	JP	1	—		
AC	S55-29002	3-1-80	JP	1	—		
AC	1 054 148	5-18-00	EP	1	—		
OTHER DOCUMENTS							
K	RONALD J. PIERIK et al, "Design and Development of a Mechanical Variable Valve Actuation System", SAE Technical Paper No. 2001-01-1221, March 6-9, 2000, pp. 1-8						
K	MARTIN PISCHINGER et al, "Benefits of the Electromechanical Valve Train in Vehicle Operation", SAE Technical Paper No. 2000-01-1223, March 6-9, 2000, pp. 1-11						
K	M.J. VAN NIEUWSTADT et al, "Air Change Estimation in Camless Engines", SAE Technical Paper No. 2001-01-0581, March 5-8, 2001, pp. 1-8						
EXAMINER			DATE CONSIDERED				
Chulth			11-19-2006				

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
<i>he</i>	5,678,402	10-21-97	Kitagawa et al	—	—		
<i>/</i>	5,743,221	4-28-98	Schmitz	—	—		
	5,746,183	5-5-98	Parke et al	—	—		
	5,765,514	6-16-98	Sono et al	—	—		
	5,950,603	9-14-99	Cook et al	—	—		
	6,000,376	12-14-99	Hess et al	—	—		
	6,023,929	2-15-00	Ma	—	—		
	6,039,026	5-21-00	Shiraishi et al	—	—		
	6,098,585	8-8-00	Brehob et al	—	—		
	6,116,210	9-12-00	Oder et al	—	—		
	<i>he</i>	6,138,636	10-31-00	Kohno et al	—	—	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
OTHER DOCUMENTS							
<i>he</i>	LUCIEN KOOPMANS et al, "A four Stroke Camless Engine, Operated in Homogeneous Charge Compression Ignition Mode with Commercial Gasoline", SAE Technical Paper No. 2001-01-3610, September 24-27, 2001, pp. 1-14						
<i>he</i>	WOLFGANG SALBER et al, "Synergies of Variable Valve Actuation and Direct Injection", SAE Technical Paper No. 2002-01-0706, March 4-7, 2002, pp. 1-9						
<i>he</i>	"Operation of the Electronic Valve Actuation, Ford EVA Project Closed Loop Engine, System Control", Manual - Preliminary Version III, March 21, 2003, and in particular pp. 6, 72, 80-84, 89-95, 104-119, and 134-218						
EXAMINER <i>Charles H. H.</i>			DATE CONSIDERED 11-14-2004				

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
RC	6,219,611	4-17-01	Russell	—	—		
	6,247,445	6-19-01	Langer	—	—		
	6,276,316	8-21-01	Arai et al	—	—		
	6,332,446	12-25-01	Matsumoto et al	—	—		
	6,336,355	1-8-02	Sasaki et al	—	—		
	6,341,584	1-29-02	Itoyama et al	—	—		
	6,349,541	2-26-02	Gruden et al	—	—		
	6,374,813	4-23-02	Iida et al	—	—		
	6,386,156	5-14-02	Stockhausen et al	—	—		
	6,390,063	5-21-02	Obata et al	—	—		
MC	6,408,806	6-25-02	Sugiyama et al	—	—		
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
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EXAMINER <i>Quilley</i>				DATE CONSIDERED 11-14-2004			

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>pe</i>	2002/0096139	7-25-02	Zheng	—	—	
<i>1</i>	6,425,369	7-30-02	Arai et al	—	—	
	6,431,129	8-13-02	Hammoud et al	—	—	
	6,431,130	8-13-02	Leone et al	—	—	
	6,443,108	9-3-02	Brehob et al	—	—	
	6,453,662	9-24-02	Lewis et al	—	—	
	6,453,665	9-24-02	Bower Jr. et al	—	—	
	6,457,465	10-1-02	Lee	—	—	
	6,474,303	11-5-02	Leone et al	—	—	
	6,311,667	11-6-02	Satou et al	—	—	
	<i>pe</i>	6,481,201	11-19-02	Kako et al	—	—
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DA6336355TE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER <i>Quilley</i>			DATE CONSIDERED <i>11-14-2004</i>			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
K	6,484,677	11-26-02	Leone et al	—	—	
	6,470,853	11-29-02	Leone et al	—	—	
	6,497,093	12-24-02	Lewis et al	—	—	
	6,502,389	1-7-03	Katayama et al	—	—	
	2003/0015026	1-23-03	Chung	—	—	
	6,513,493	2-4-03	Robichaux et al	—	—	
	6,532,944	3-18-03	Leone et al	—	—	
	6,550,434	4-22-03	Leone et al	—	—	
	6,557,505	5-6-03	Hori	—	—	
	6,568,177	5-27-03	Surnilla	—	—	
AC	6,591,605	7-15-03	Lewis	—	—	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DA6336355TE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			
			11-19-2004			





**(Use as many sheets as necessary)**

Sheet

1

Q

1

Attorney Docket Number

81100593

**Complete if Known**

Application Number

10/805.637

Filing Date

03/19/2004

**First Named Inventor**

Lewis

## Art Unit

**Examiner Name**

U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date Considered

61-14-2004

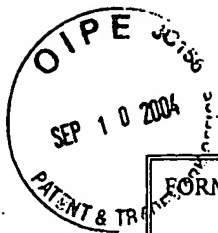
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SHEET 1 OF 1

FORM PTO-1449			DOCKET NUMBER 81100593	APPLICATION NUMBER 10/805,637			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			APPLICANT(S) Donald J. Lewis et al				
			FILING DATE March 19, 2004	GROUP ART UNIT			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
<i>Ac</i>	6,389,806	5-21-02	Glugla et al	—	—		
<i>be</i>	6,415,601	7-9-02	Glugla et al	—	—		
<i>u</i>	6,553,961	4-29-03	Hammoud et al	—	—		
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
OTHER DOCUMENTS							
EXAMINER <i>Chulato</i>			DATE CONSIDERED 11-14-2004				

SHEET 1 OF 2

FORM PTO-1449			DOCKET NUMBER 81100593	APPLICATION NUMBER 10/805,637		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			APPLICANT(S) Lewis et al.			
			FILING DATE March 19, 2004	GROUP ART UNIT		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>bc</i>	10/805,651	3-19-2004	Lewis et al.	—	—	
<i>[Vertical line]</i>	10/805,645	3-19-2004	Lewis et al.	—	—	
	10/805,648	3-19-2004	Lewis et al.	—	—	
	10/805,654	3-19-2004	Lewis et al.	—	—	
	10/805,642	3-19-2004	Lewis et al.	—	—	
	10/805,607	3-19-2004	Lewis et al.	—	—	
	10/805,573	3-19-2004	Lewis et al.	—	—	
	10/805,635	3-19-2004	Lewis et al.	—	—	
	10/805,615	3-19-2004	Michelini et al.	—	—	
	10/805,626	3-19-2004	Gibson et al.	—	—	
	10/805,644	3-19-2004	Winstead et al.	—	—	
	10/805,612	3-19-2004	Lewis et al.	—	—	
	10/805,606	3-19-2004	Lewis et al.	—	—	
10/805,638	3-19-2004	Lewis et al.	—	—		
<i>bc</i>	10/805,636	3-19-2004	Lewis et al.	—	—	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER <i>[Signature]</i>			DATE CONSIDERED 11-14-04			

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER 81100593		APPLICATION NUMBER 10/805,637		
		APPLICANT(S) Lewis et al.				
		FILING DATE March 19, 2004		GROUP ART UNIT		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>AL</i>	10/805,639	3-19-2004	Lewis et al.	—	—	
<i>I</i>	10/805,657	3-19-2004	Lewis et al.	—	—	
	10/805,625	3-19-2004	Lewis et al.	—	—	
	10/805,613	3-19-2004	Lewis	—	—	
	10/805,575	3-19-2004	Lewis et al.	—	—	
<i>AL</i>	10/805,611	3-19-2004	Michelini et al.	—	—	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER	<i>Paul H.</i>		DATE CONSIDERED <i>11-14-04</i>			